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UFSCC

- College of Medicine
- Shands HealthCare

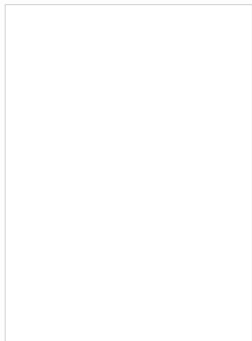
[Invitation for applicants for Postdoctoral Positions](#)[Funding Approved for Cancer Research](#)[UF Cancer Center Facility Named for Florida Couple](#)[Center receives \\$2.25 million construction grant](#)

NEW

[May is Melanoma/Skin Cancer Detection and Prevention Month](#)

Fortunately, the most common form of skin cancer in the United States -- basal cell carcinoma- is highly treatable if caught early

A History of Cancer Research and Care!



The **University of Florida** has a long history in cancer care and research. In 1964, under the leadership of Dr. Rodney Million, the UF Radiation Oncology Department was established. The Division of Hematology/Oncology was established in 1976. One of the first Bone Marrow Transplant units in the Nation and the first in the State of Florida was opened at Shands Hospital in 1980. The Pharmacy College has had a long history in developing anti-cancer drugs. In 1986, Florida's first Hope Lodge was built to house cancer patients. The Davis Ambulatory Cancer Center building, a freestanding 115,000 sq. ft. cancer

center constructed in 1991, houses radiation, medical, and infusion programs.

In October 1999, **W. Stratford May, M.D., Ph.D.** was recruited as the first **Director of the new UF Shands Cancer Center (UFSCC)**. Dr. May, a nationally recognized researcher in the area of blood cancers, has moved quickly to begin the development of a comprehensive cancer center.

Due to the significant recent growth of the UFSCC Programs, it was announced in November 2000, that the University would construct a Cancer and Genetics building. The UFSCC will have 100,000 net sq. ft. of assignable research space in this new facility. Planning for the new facility is underway and construction is to begin in 2002.

Program Highlight: **CANCER BIOLOGY PROGRAM**

The research within the **Cancer Biology Program** involves a vast assortment of cutting edge methodologies in biochemistry, molecular cell biology, genetics, genomics, proteomics, pharmacology, and transgenics. Overall focus of the Cancer Biology Program is to elucidate cellular regulation in contexts that are relevant to gene expression in malignant cells. Program members are working in diverse areas to characterize both normal and abnormal mechanisms of gene expression in organisms ranging from yeast to humans.

This interdisciplinary program focuses on understanding the molecular mechanisms that initiate carcinogenesis and fuel tumor progression. Members study basic cellular functions such as cell cycle regulatory processes, DNA damage and repair, immortality, genomic modifications, cell death, cellular responses to injury, and physical/ viral mechanisms of promoting cancer. The ramifications of alterations in these cellular processes are also studied on a tissue level. Such studies include the analysis of cell-cell adhesion and cell-ECM interactions work on neovascular, differentiation, and metastasis.



Stephen P. Sugrue, Ph.D.
Associate Director for
Basic Research

Special Seminar Series:

- **'TOPICS IN CANCER and CELL BIOLOGY'**
Fridays 9:00 AM - Academic Research Building R4-265
- **'Cancer Center Grand Rounds'**
4th Tuesday of every month